

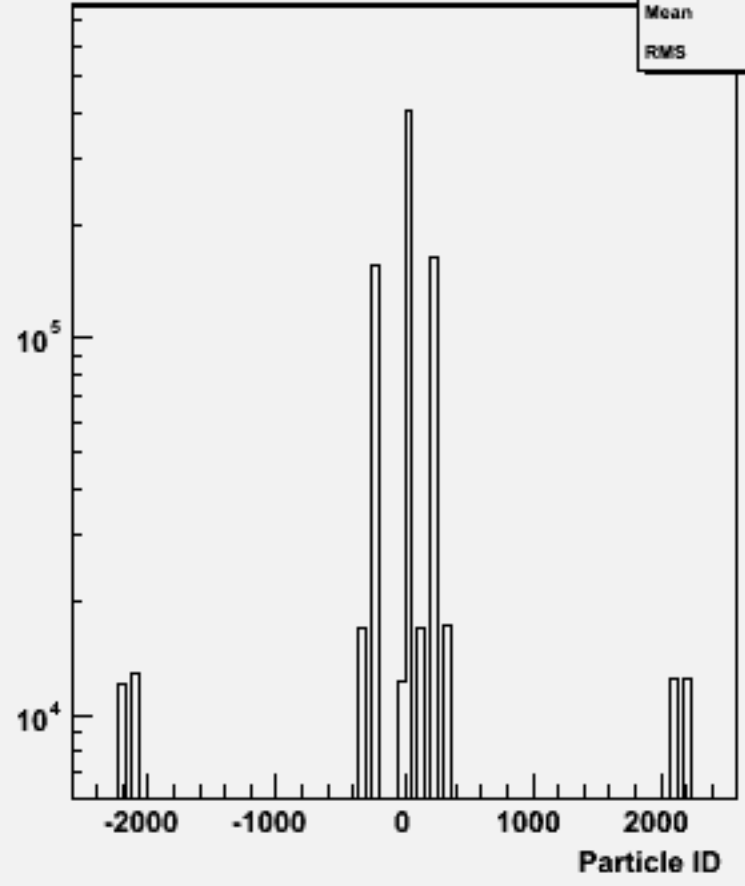
# Generator file information: w103618 ae1\_n1uddd\_o

process\_id=w103618  
job\_date\_time=100729-073745  
process\_name=ae1\_n1uddd\_o  
CM\_energy\_in\_GeV=350  
program\_name\_version=whizard-1.40  
beam\_particle1=e1  
beam\_particle2=E1  
polarization1=0.0  
polarization2=+1.0  
luminosity=1000  
cross\_section\_in\_fb=0.113696875530513  
lumi\_file=/tmp/lumi\_linker\_directory/lumi\_linker\_008  
file\_type=stdhep  
total\_number\_of\_events=10000  
number\_of\_files=1  
file\_names=w103618\_01.stdhep  
number\_of\_events\_in\_files=10000  
fileurl=lfh:/grid/ilc/users/miyamoto/CDS/generated/0350  
logurl=[http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run\\_output/w103618/run\\_01](http://www-jlc.in.kek.jp/~miyamoto/CDS/0350/run_output/w103618/run_01)  
comment=

Particle ID : w103618 ae1\_n1uudd\_o

h\_id

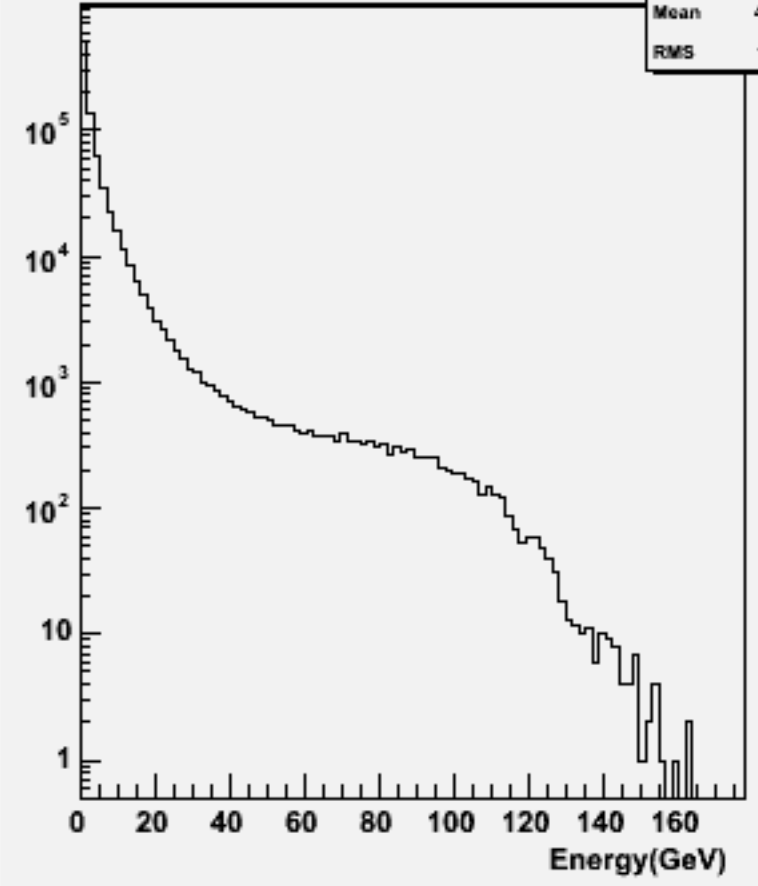
Entries	835036
Mean	15.39
RMS	547.7



Particle Energy : w103618 ae1\_n1uudd\_o

h\_e

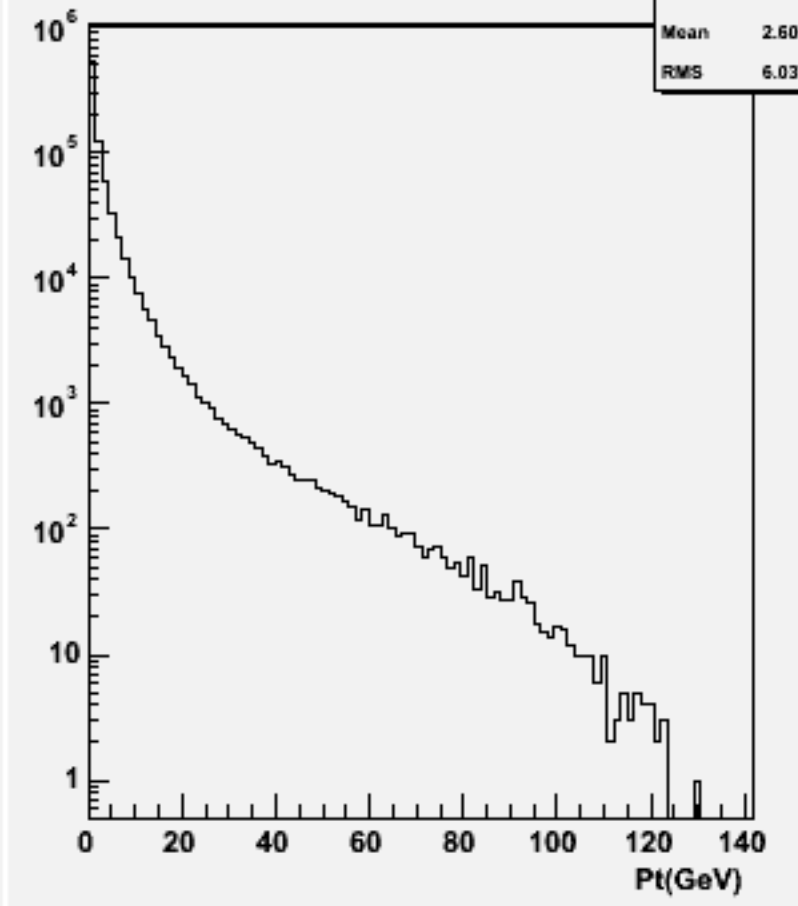
Entries	835036
Mean	4.165
RMS	10.51



Particle Pt : w103618 ae1\_n1uudd\_o

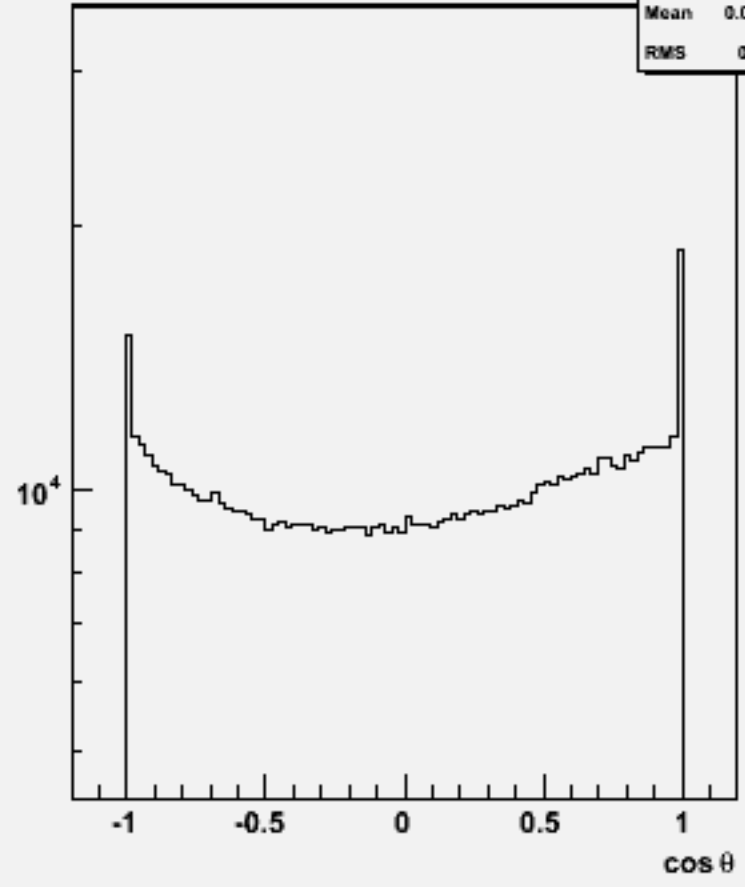
h\_pt

Entries	835036
Mean	2.606
RMS	6.037

Particle  $\cos\theta$  : w103618 ae1\_n1uudd\_o

h\_cs

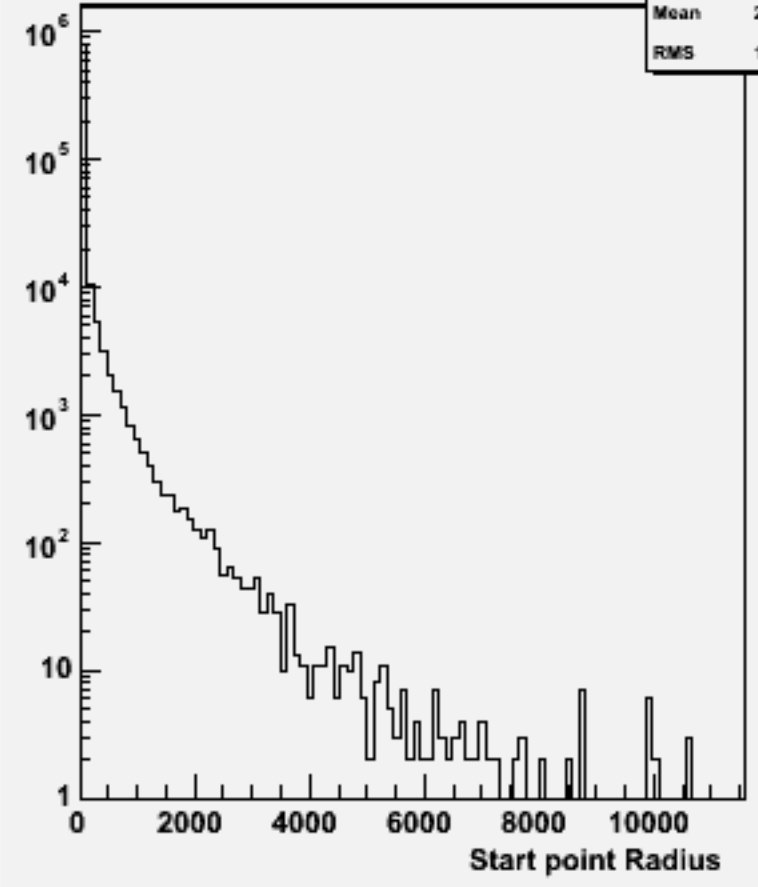
Entries	835036
Mean	0.01924
RMS	0.6071



Start point R : w103618 ae1\_n1uudd\_o

h\_vr

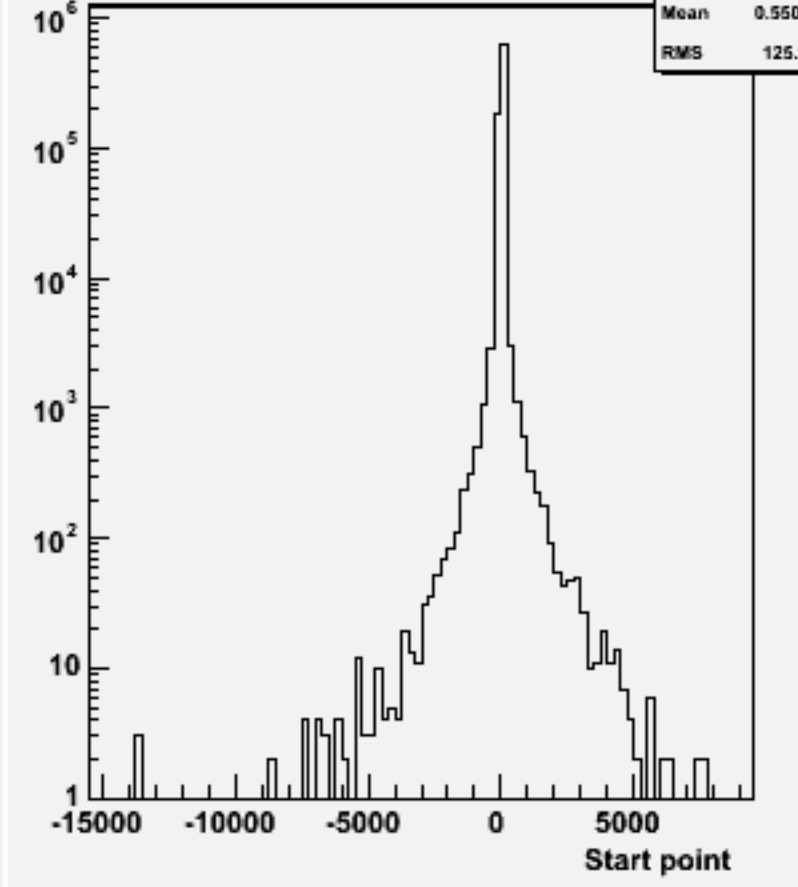
Entries	835036
Mean	20.35
RMS	161.9

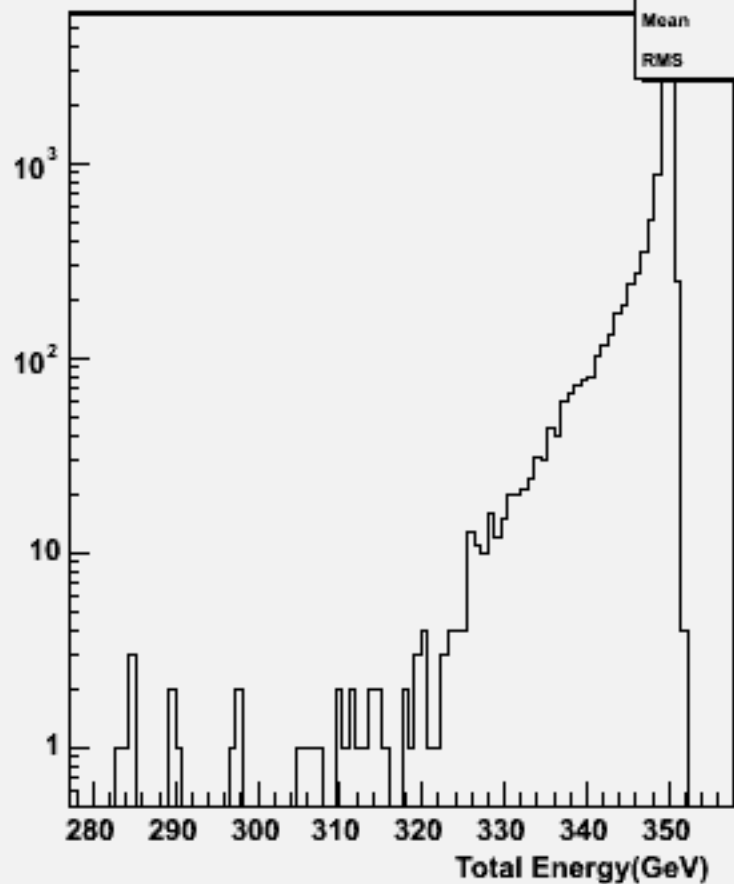
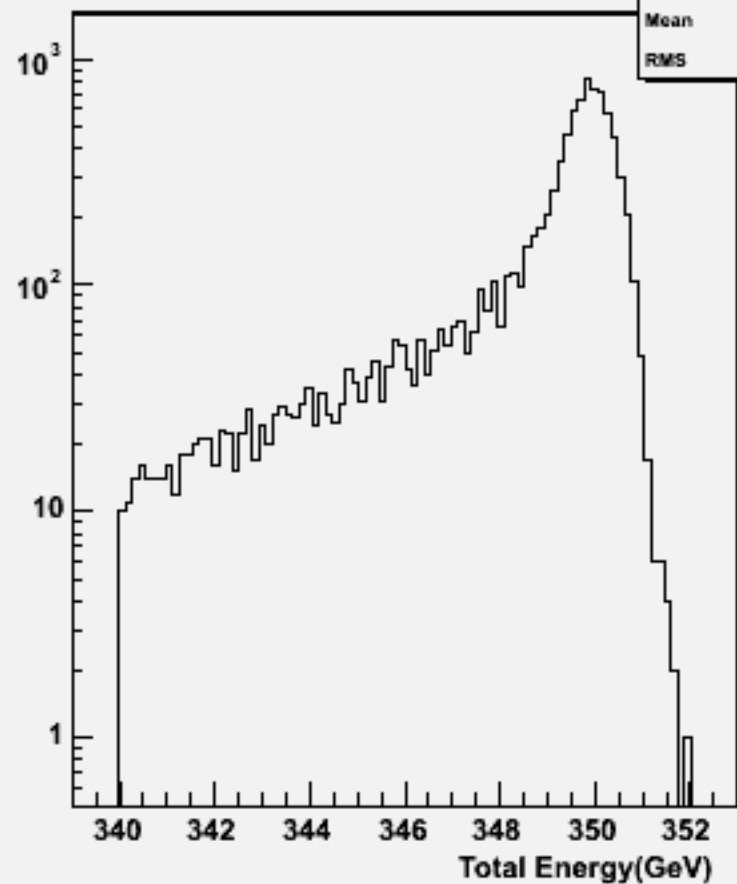
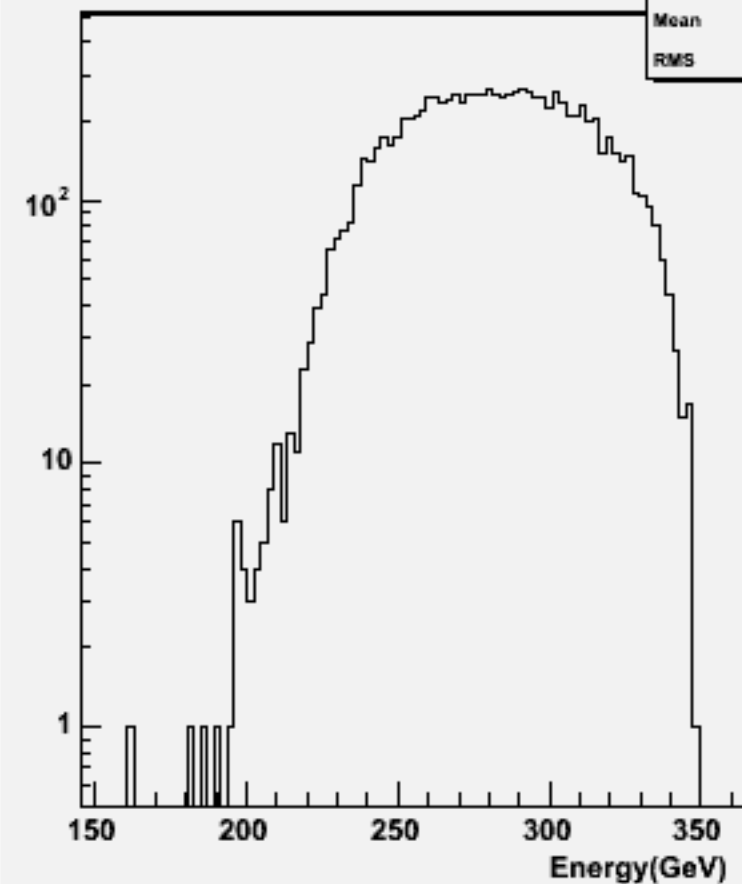


Start point Z : w103618 ae1\_n1uudd\_o

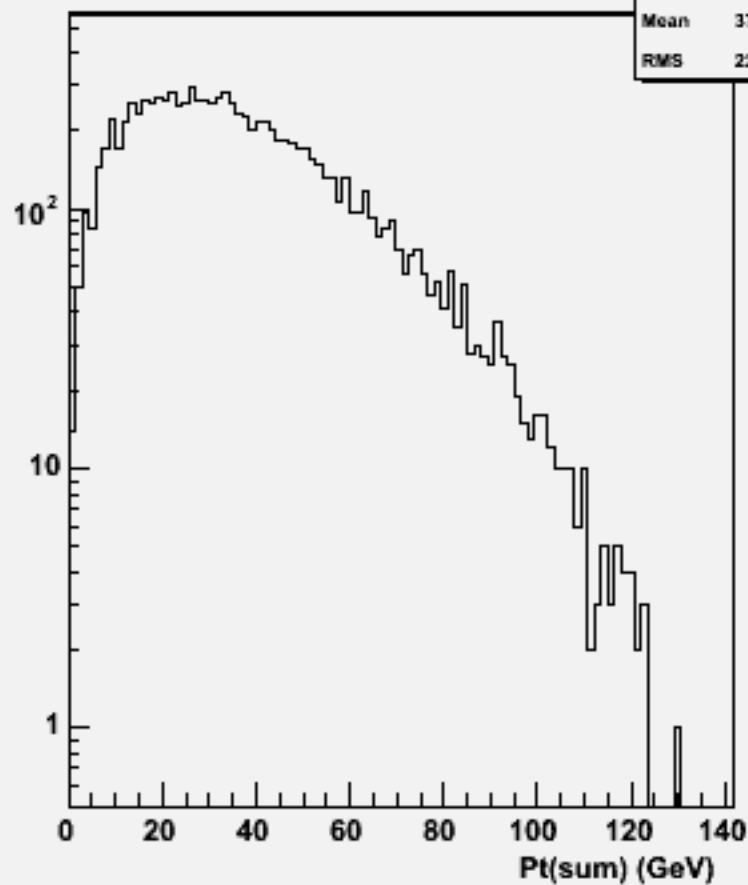
h\_vz

Entries	835036
Mean	0.5501
RMS	125.9

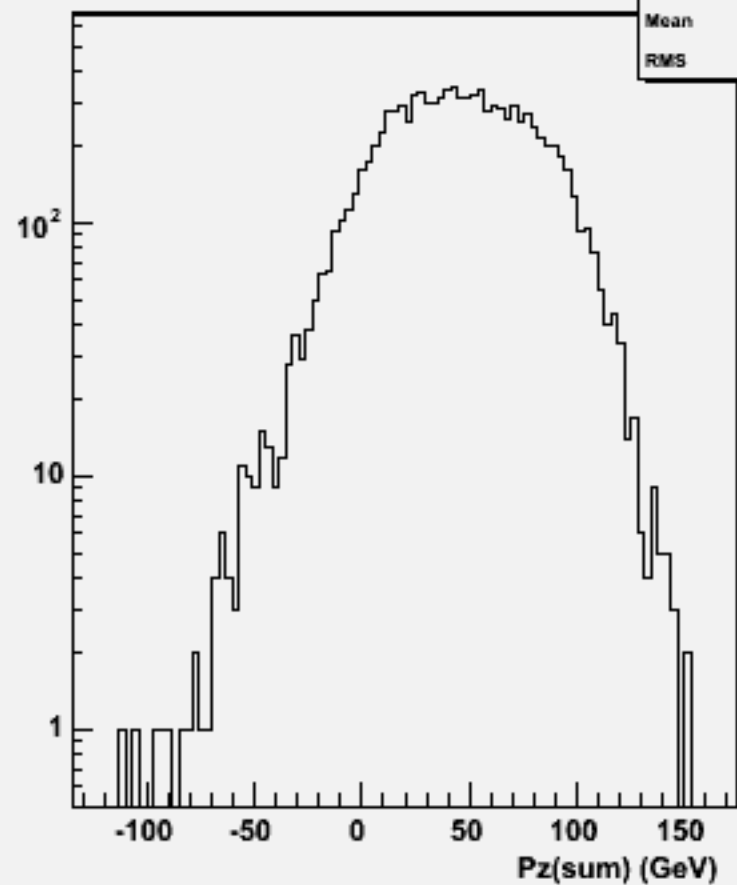


Total Energy (inc.  $\nu$ ): w103618 ae1\_n1uddd\_oTotal Energy (inc.  $\nu$ ): w103618 ae1\_n1uddd\_oTotal Energy (w/o  $\nu$ ): w103618 ae1\_n1uddd\_o

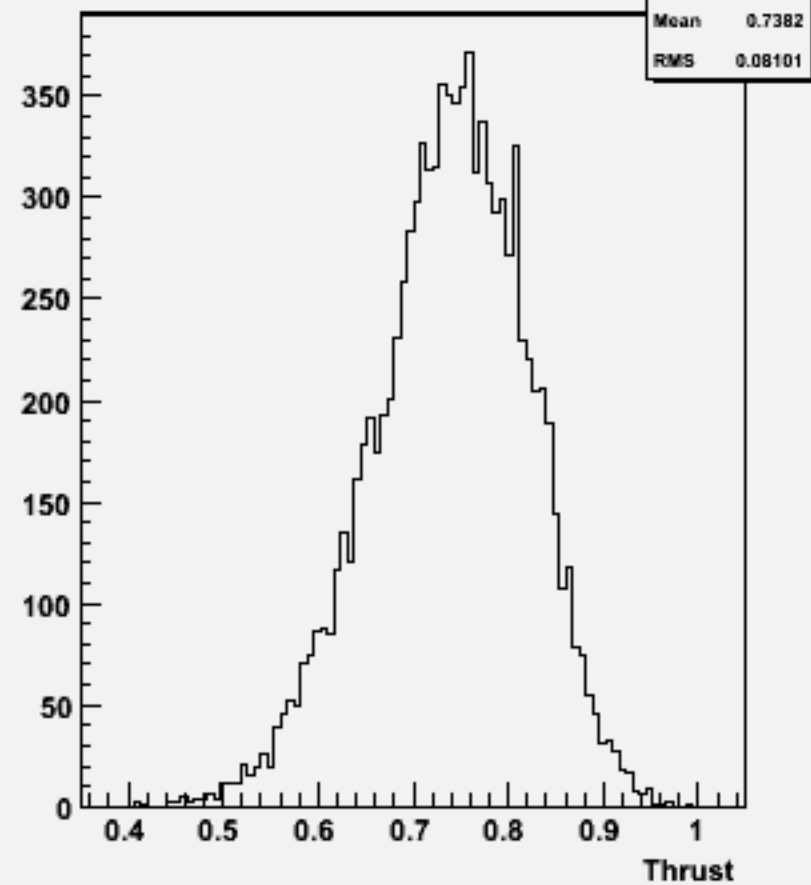
Pt Sum: w103618 ae1\_n1uddd\_o

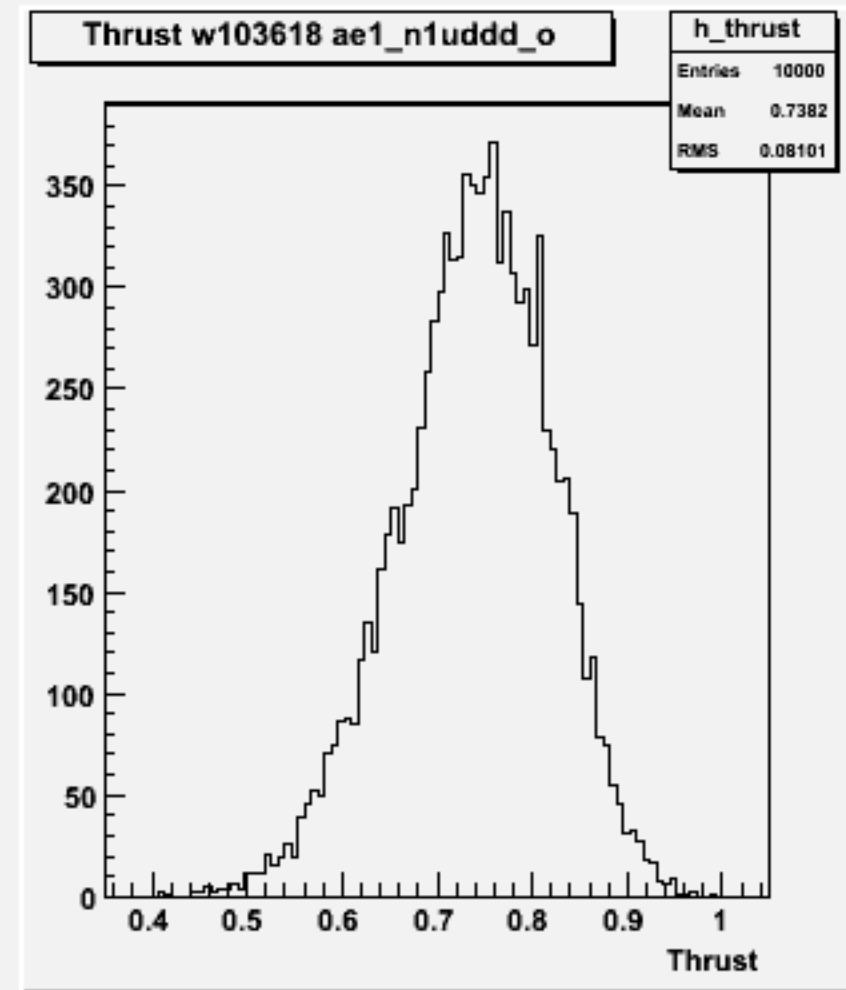
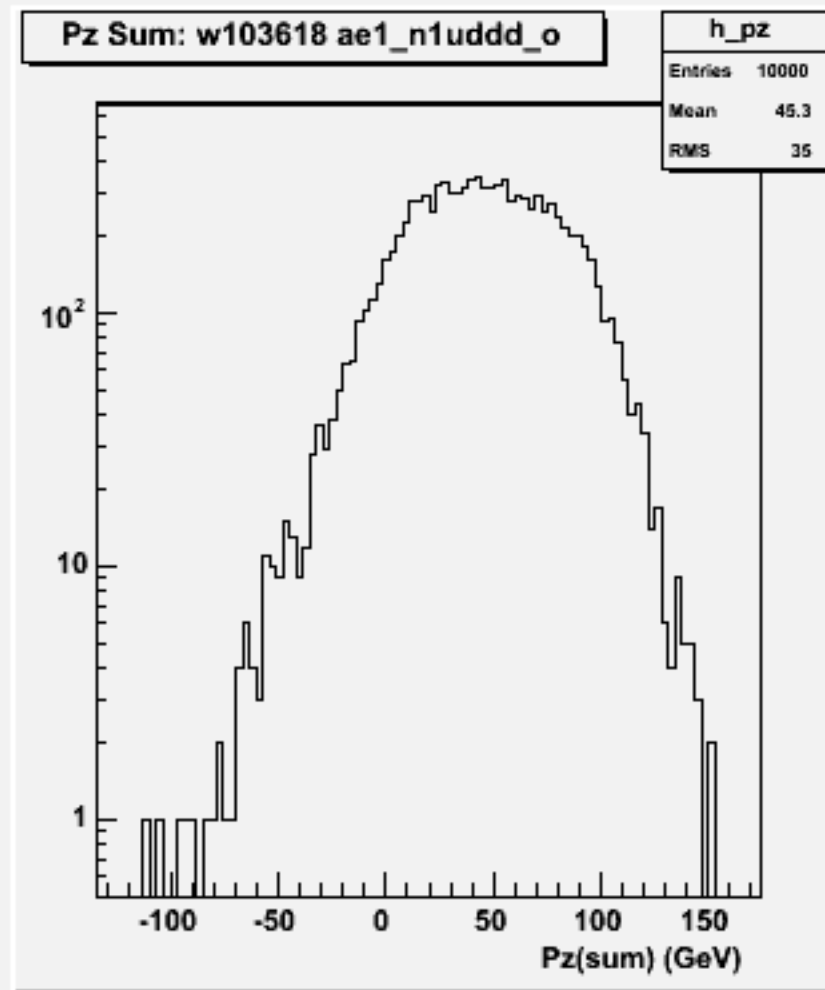
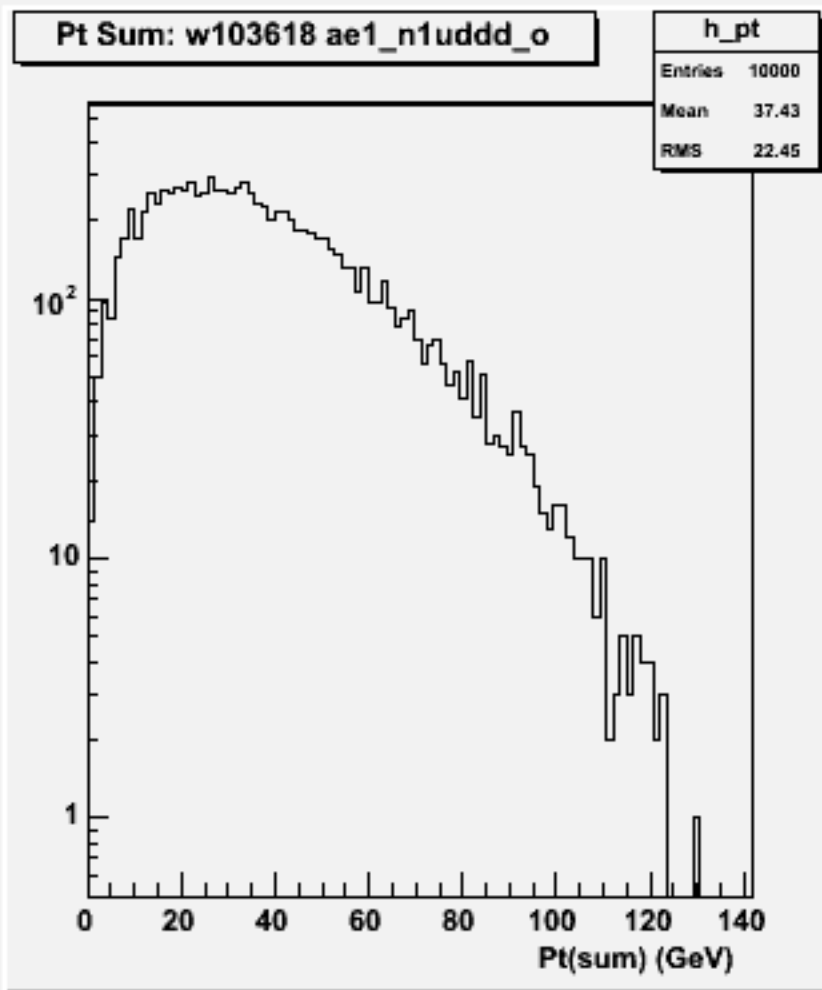
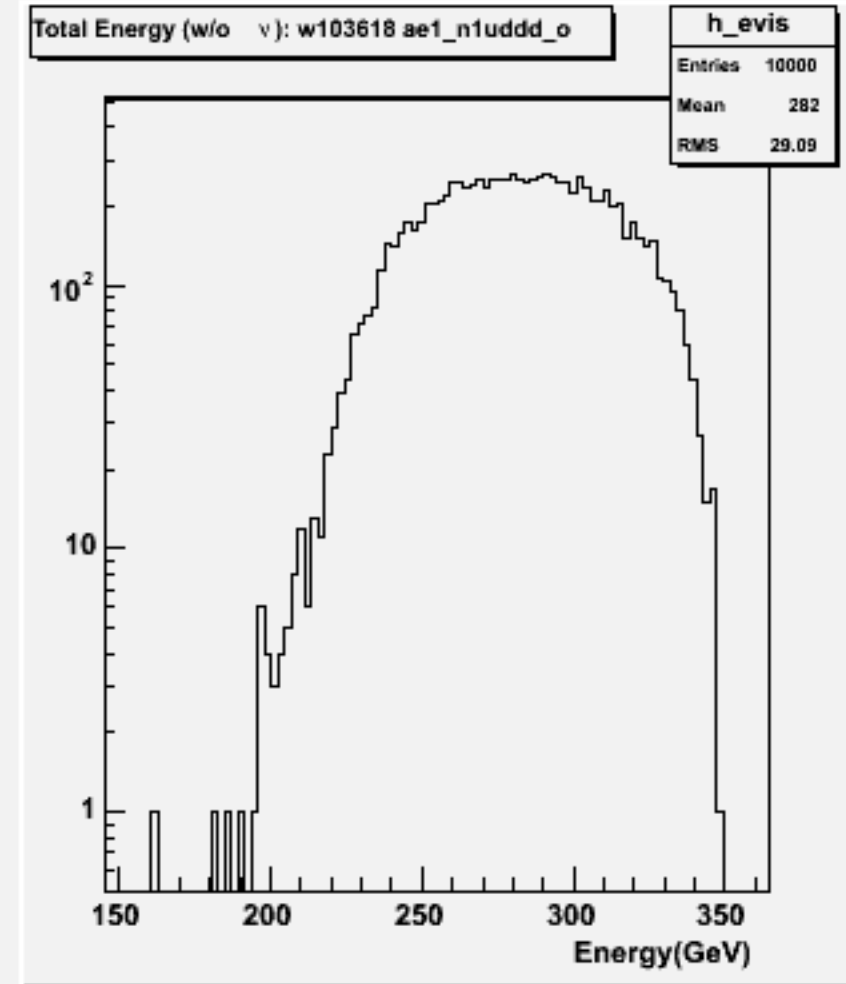
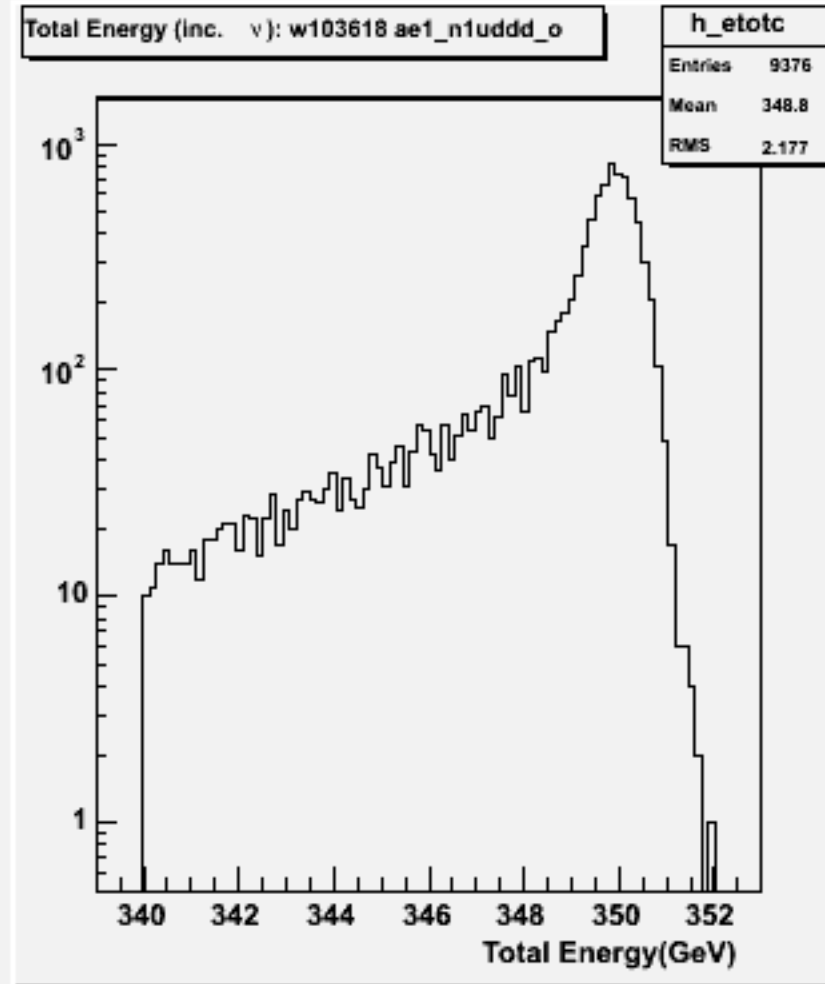
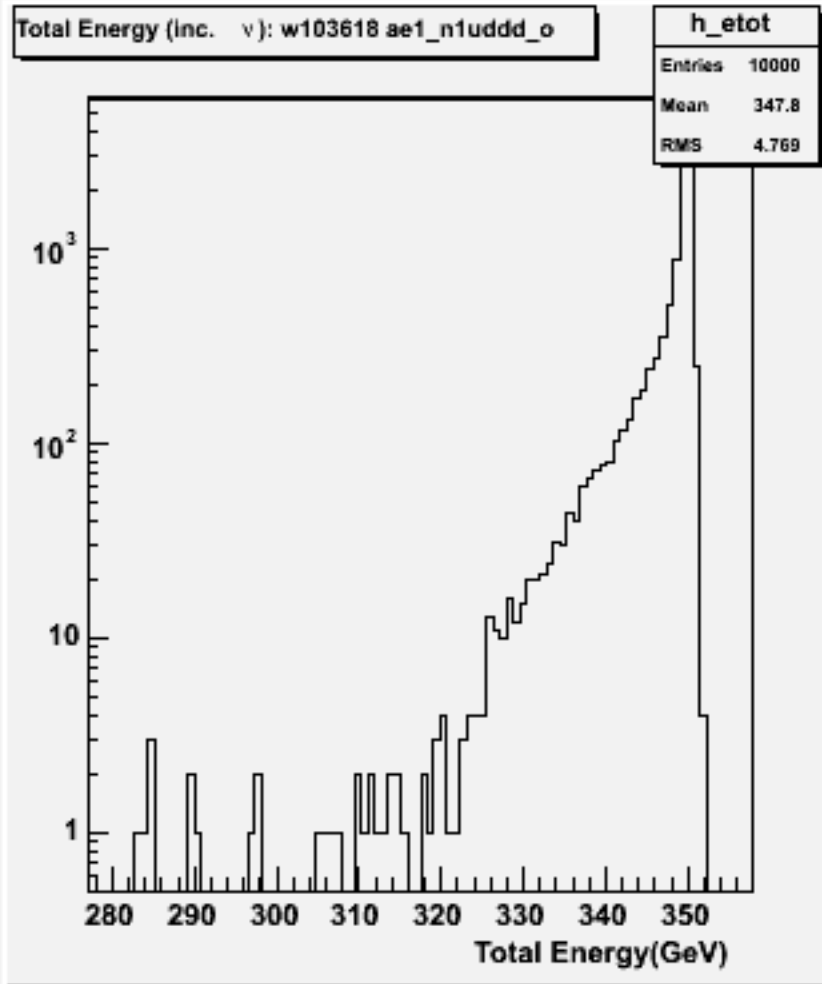


Pz Sum: w103618 ae1\_n1uddd\_o

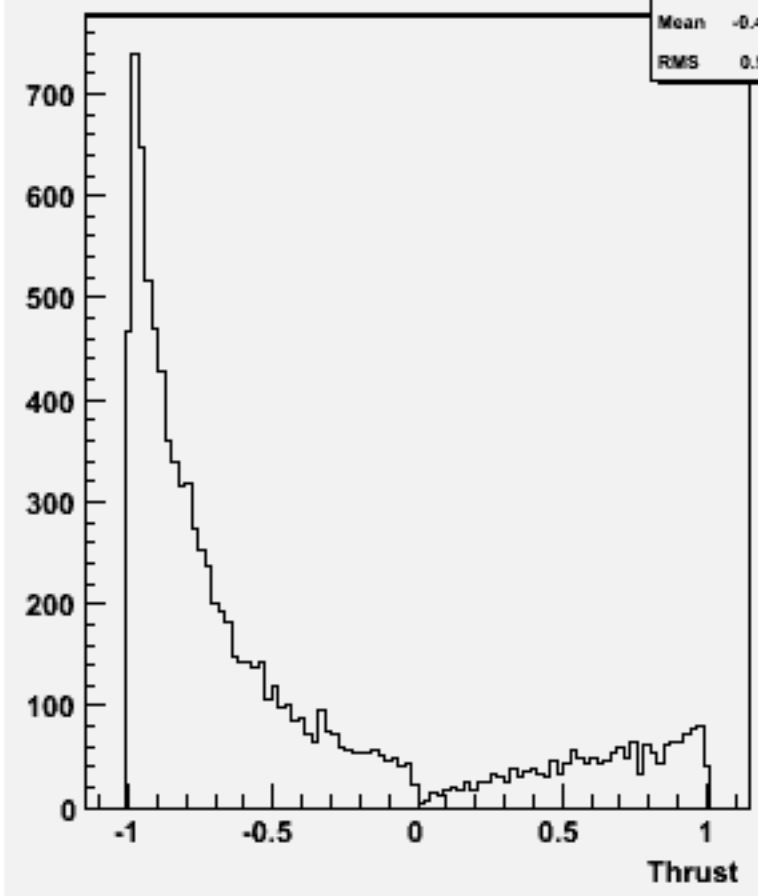


Thrust w103618 ae1\_n1uddd\_o

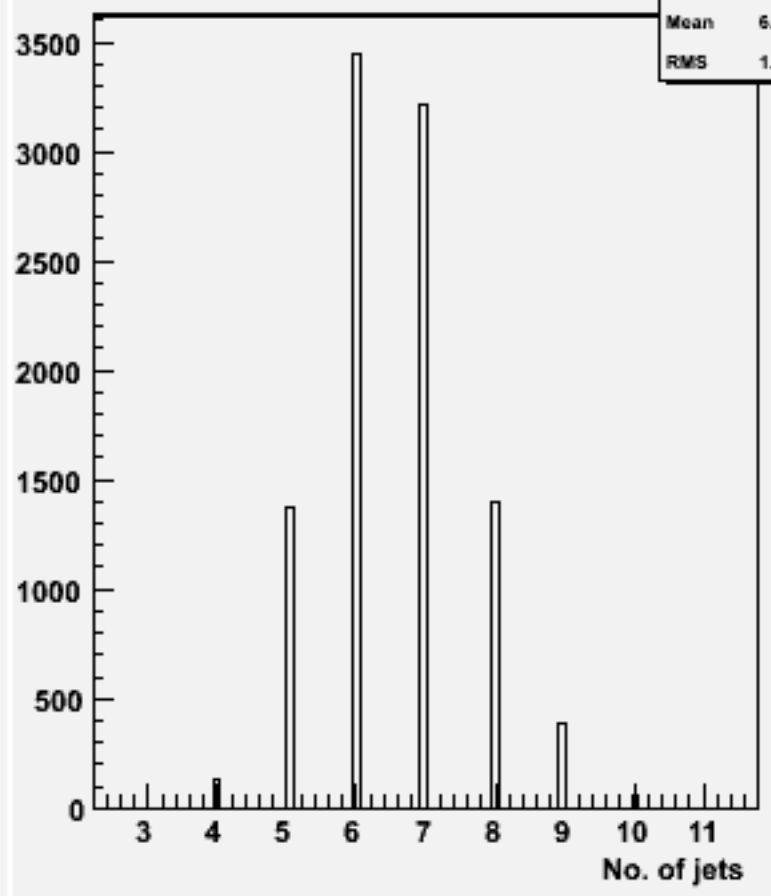




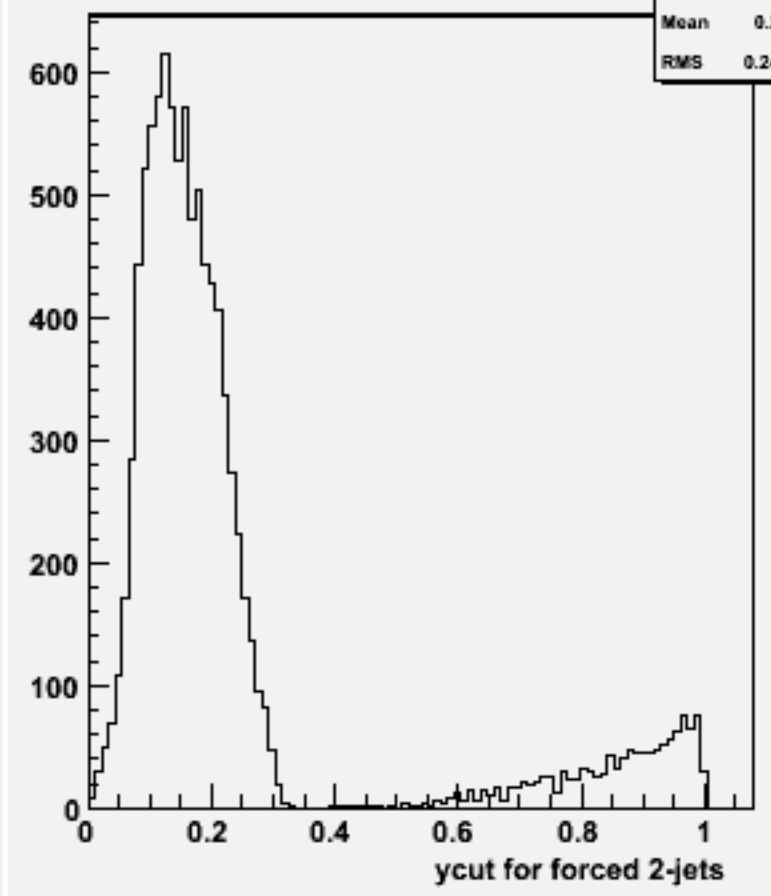
cos  $\Theta$ (thrust) w103618 ae1\_n1uddd\_o



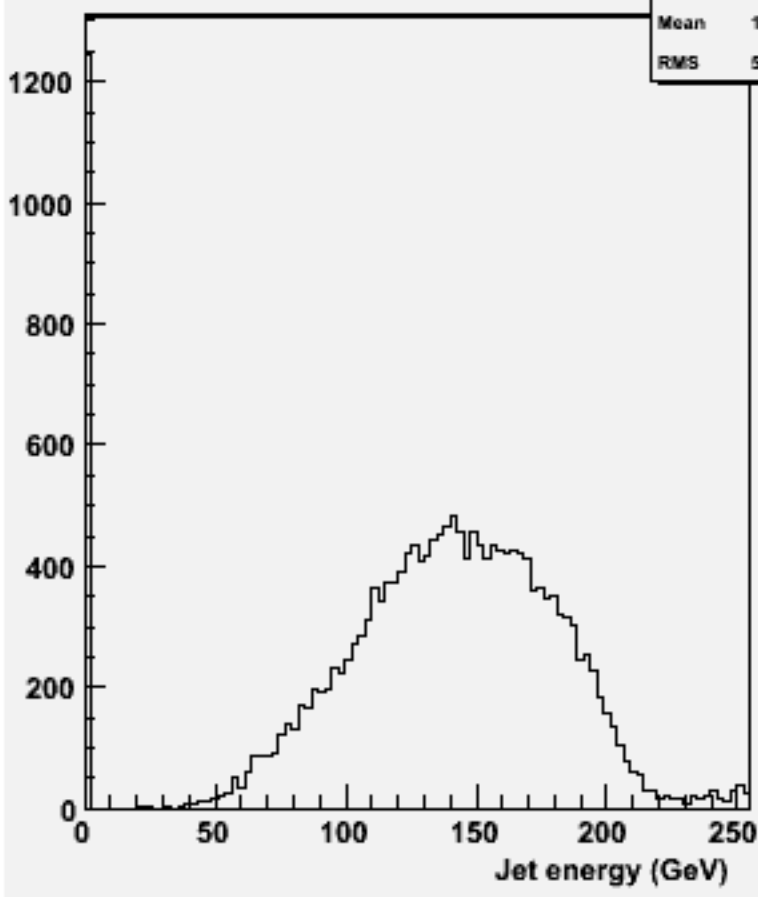
No. jets (ycut=0.001) : w103618 ae1\_n1uddd\_o



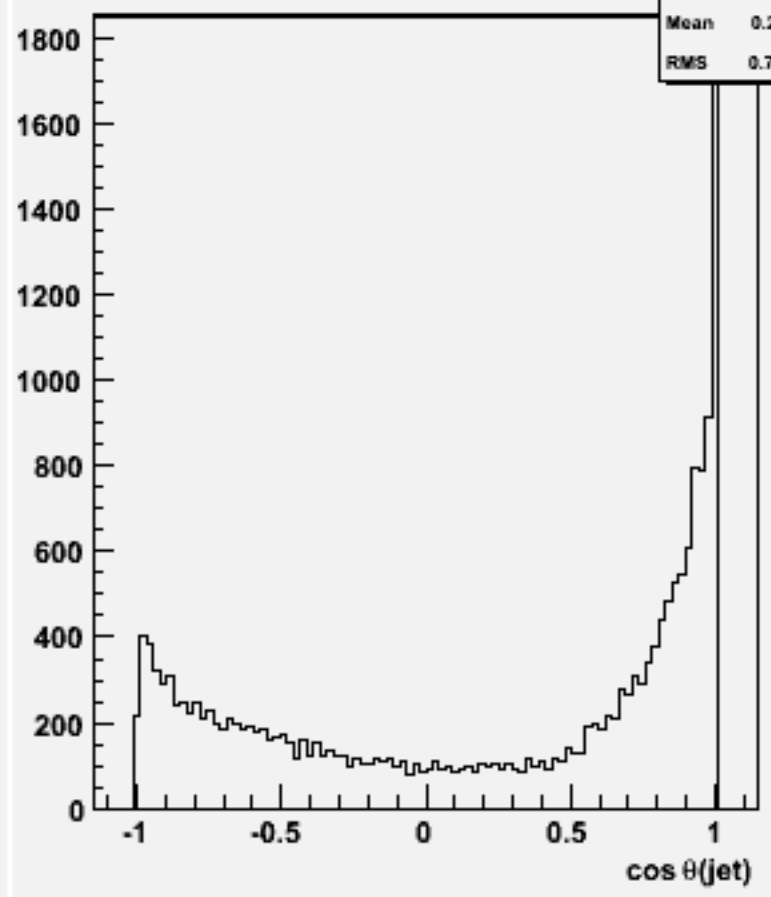
Ycut for 2-jets :w103618 ae1\_n1uddd\_o



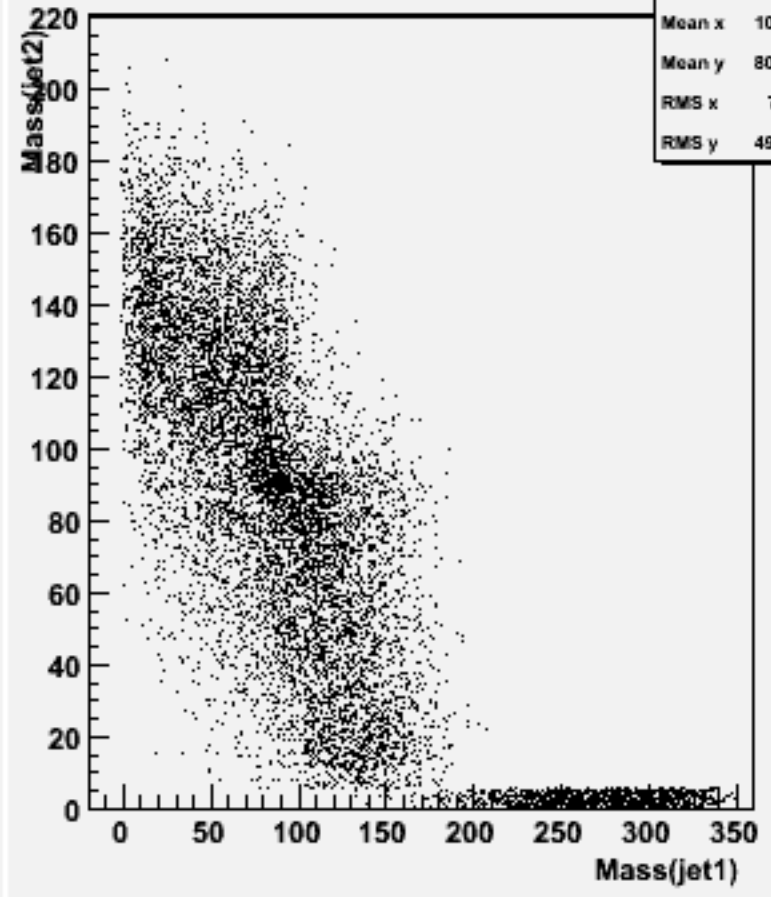
energy for 2-jets :w103618 ae1\_n1uddd\_o



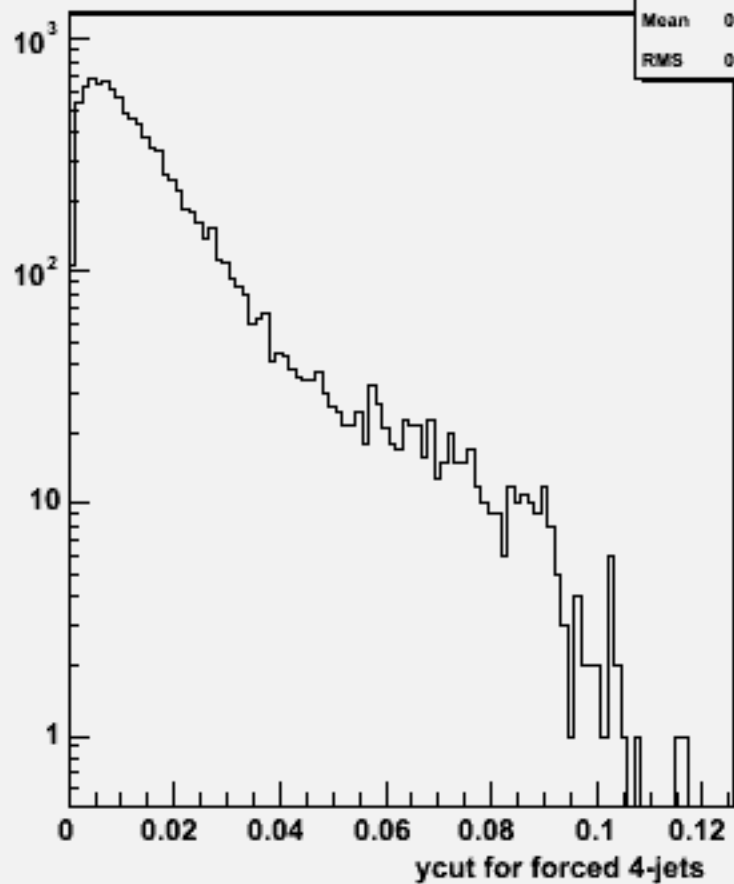
cos  $\theta$  for 2-jets :w103618 ae1\_n1uddd\_o



Jet mass for forced 2-jets : w103618 ae1\_n1uddd\_o



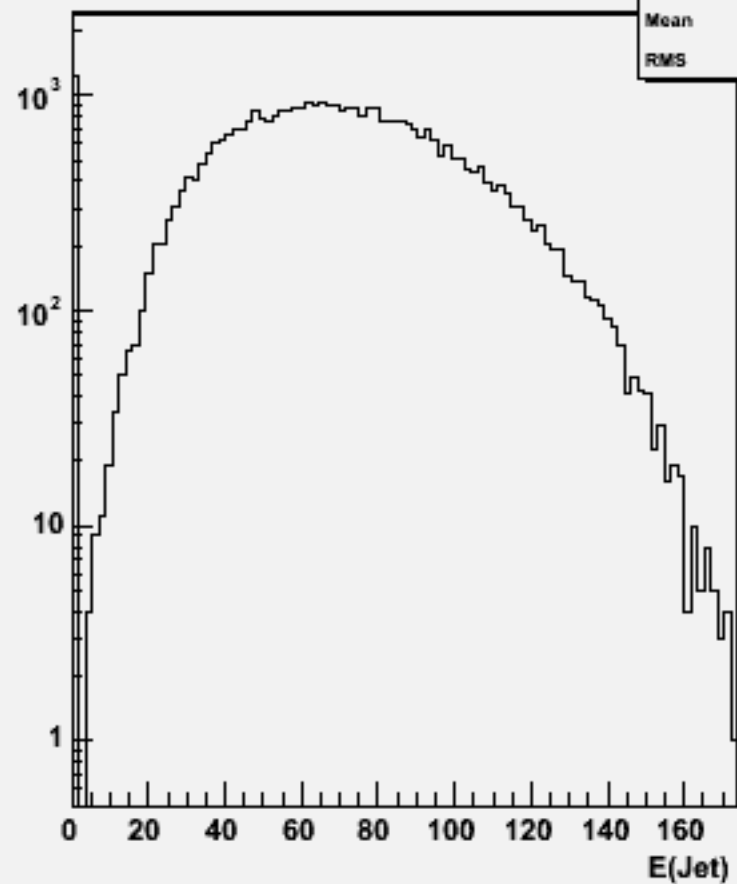
Ycut for 4-jets :w103618 ae1\_n1uddd\_o



h\_yc4j

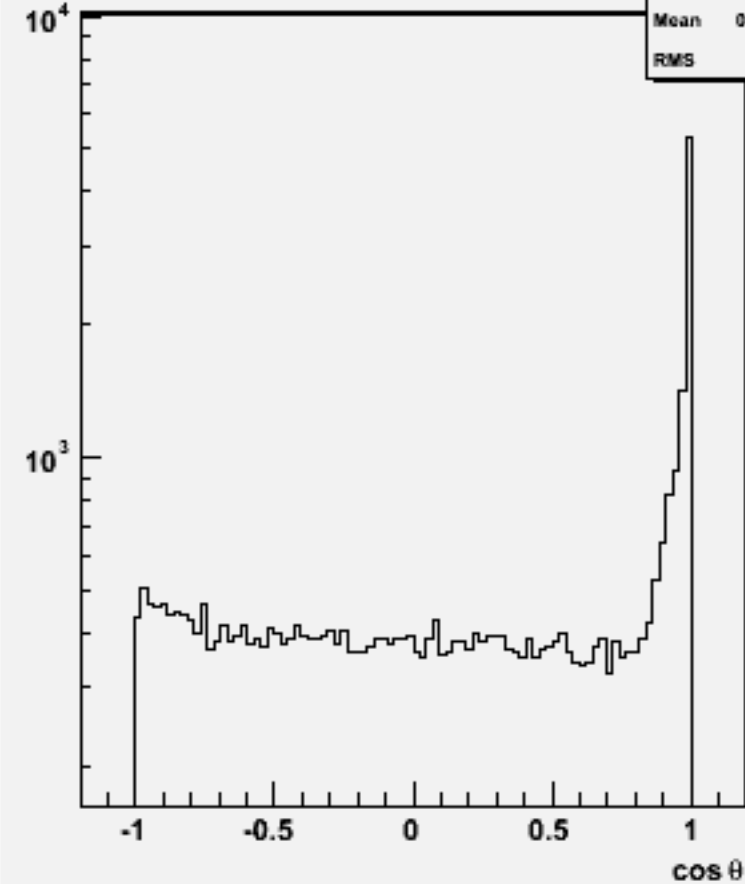
Entries	9998
Mean	0.0169
RMS	0.0167

Jet energies(All jets)w103618 ae1\_n1uddd\_o



ha\_j0e

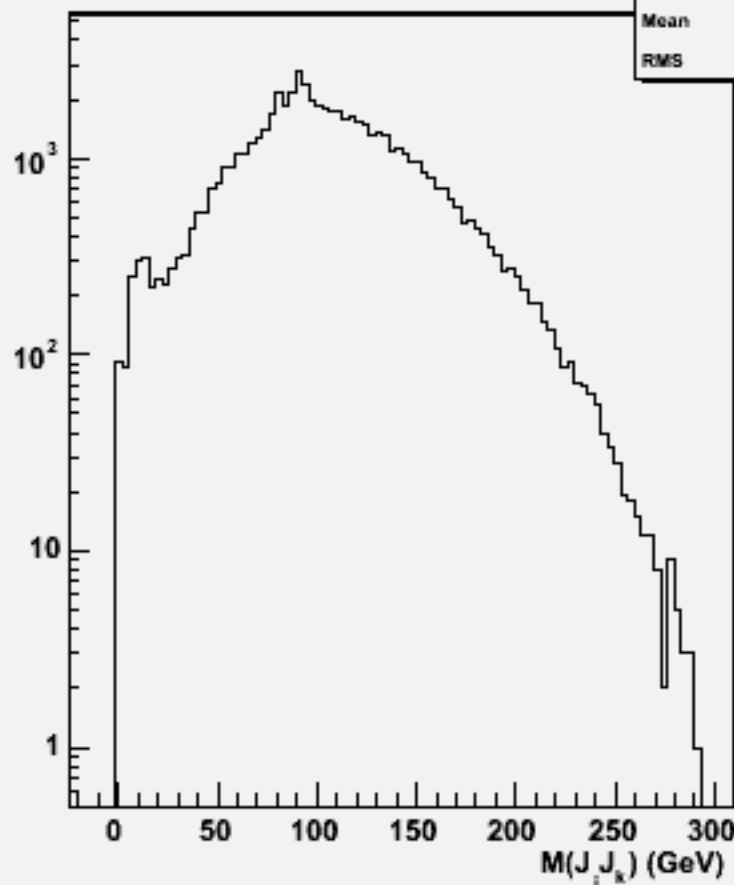
Entries	39992
Mean	70.5
RMS	30.75

Jet cos  $\theta$  (All jets)w103618 ae1\_n1uddd\_o

ha\_j0cs

Entries	39992
Mean	0.1575
RMS	0.661

2jets mass(All comb)w103618 ae1\_n1uddd\_o



ha\_m01

Entries	59988
Mean	106.9
RMS	44.45